

APPLICANT: Ta YI LEE
Serial No.: Not Yet Assigned
[Express Mail Label No. EV438978485US]

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-7 (cancelled).

Claim 8 (currently amended): A method of manufacturing a shaft sleeve structure for use in ~~a~~ an optic module capable of being slid along a guiding shaft, comprising steps of:

- (a) providing a slider comprising a first segment, a second segment and a central segment, wherein said first segment has an ~~outer~~ internal diameter larger than that of said second segment, and said central segment has an ~~outer~~ internal diameter gradually tapered from said first segment to said second segment;
- (b) encapsulating said first segment, said second segment and said central segment of said slider within said optic module when forming said optic module;
- (c) providing a driving force for drawing out said slider in the direction from said second segment toward said first segment and defining a passage on said optic module; and
- (d) mounting a first bearing and a second bearing at two opening ends of said passage respectively, wherein said first bearing ~~having~~ has an internal diameter the same as that of said second bearing.

Claim 9 (currently amended): The method according to claim 8, wherein said ~~outer~~ internal diameter of said central segment of said slider decreases linearly from said first segment to said second segment.

Claim 10 (currently amended): The method according to claim 8, wherein said ~~outer~~ internal diameter of said central segment of said slider decreases non-linearly from said first segment to said second segment.

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Claim 11 (original): The method according to claim 8, wherein each of said first and second bearing is made of a material selected from one of plastic and metal.

Claim 12 (currently amended): The method structure according to claim 8, wherein said ~~module is an~~ optic module is in an image scanner.

Claim 13 (currently amended): The method according to claim 8, wherein ~~module is an~~ said optic module is in a copy machine.

Claim 14 (cancelled).

Claim 15 (original): The method according to claim 8, wherein said driving force is provided by an oil pressure pump.

Claim 16 (currently amended): The method according to claim 8, wherein said optic module is formed by injection molding.

Claim 17 (currently amended): The method according to claim 8, wherein said optic module is formed by die-casting.